

FIG. 1

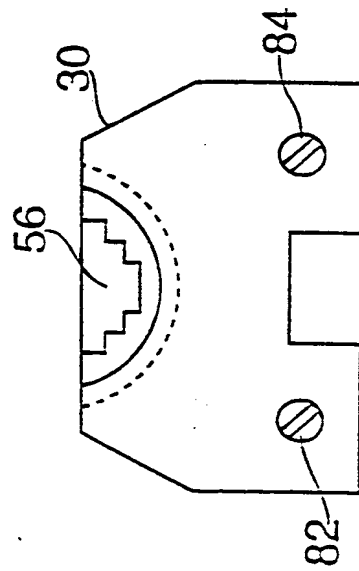


FIG. 7B

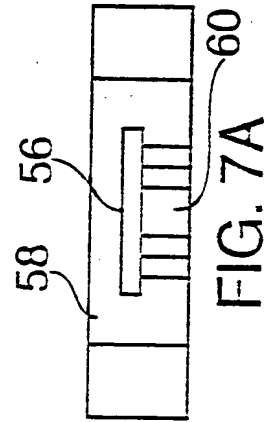


FIG. 7A

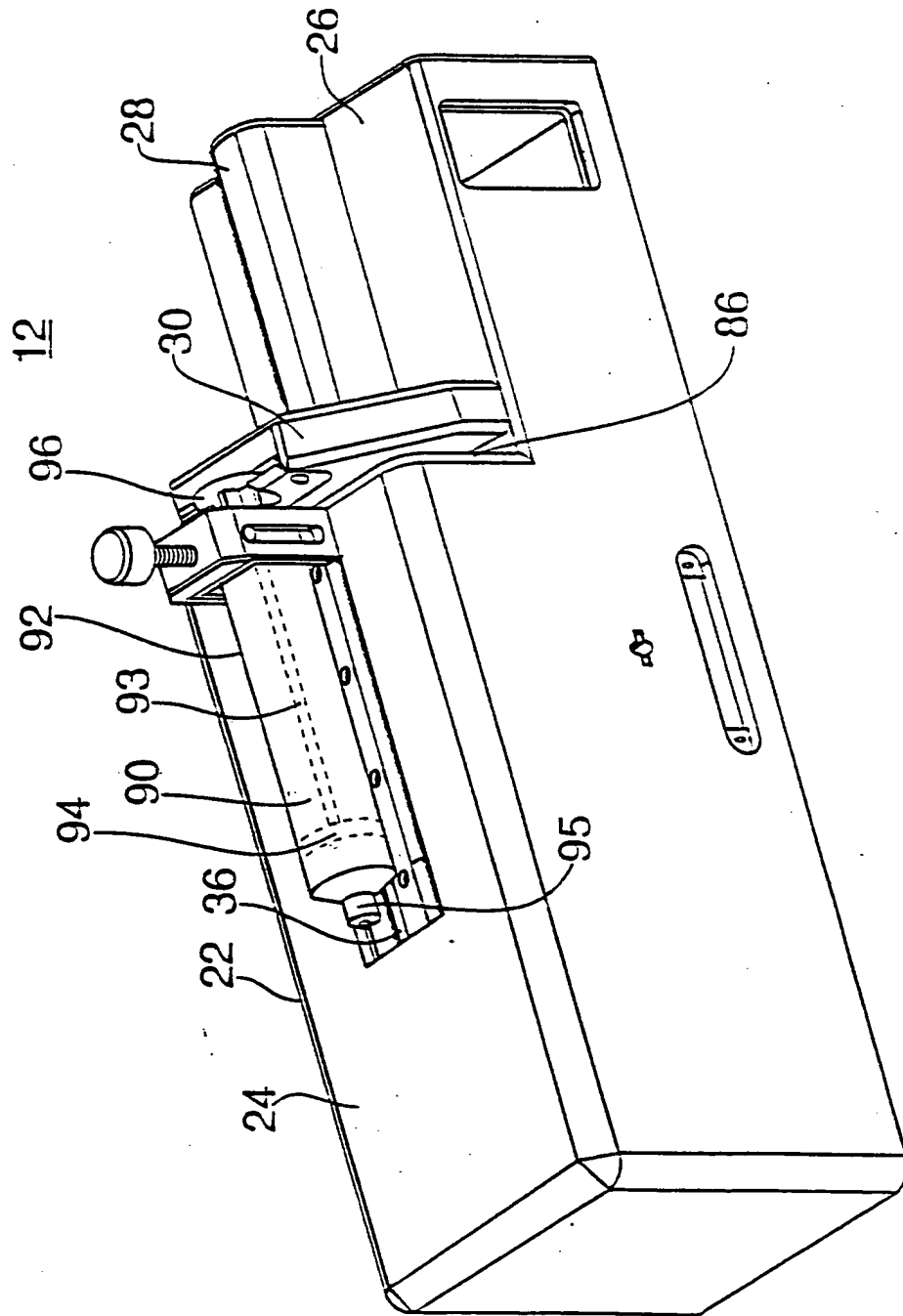


FIG. 2

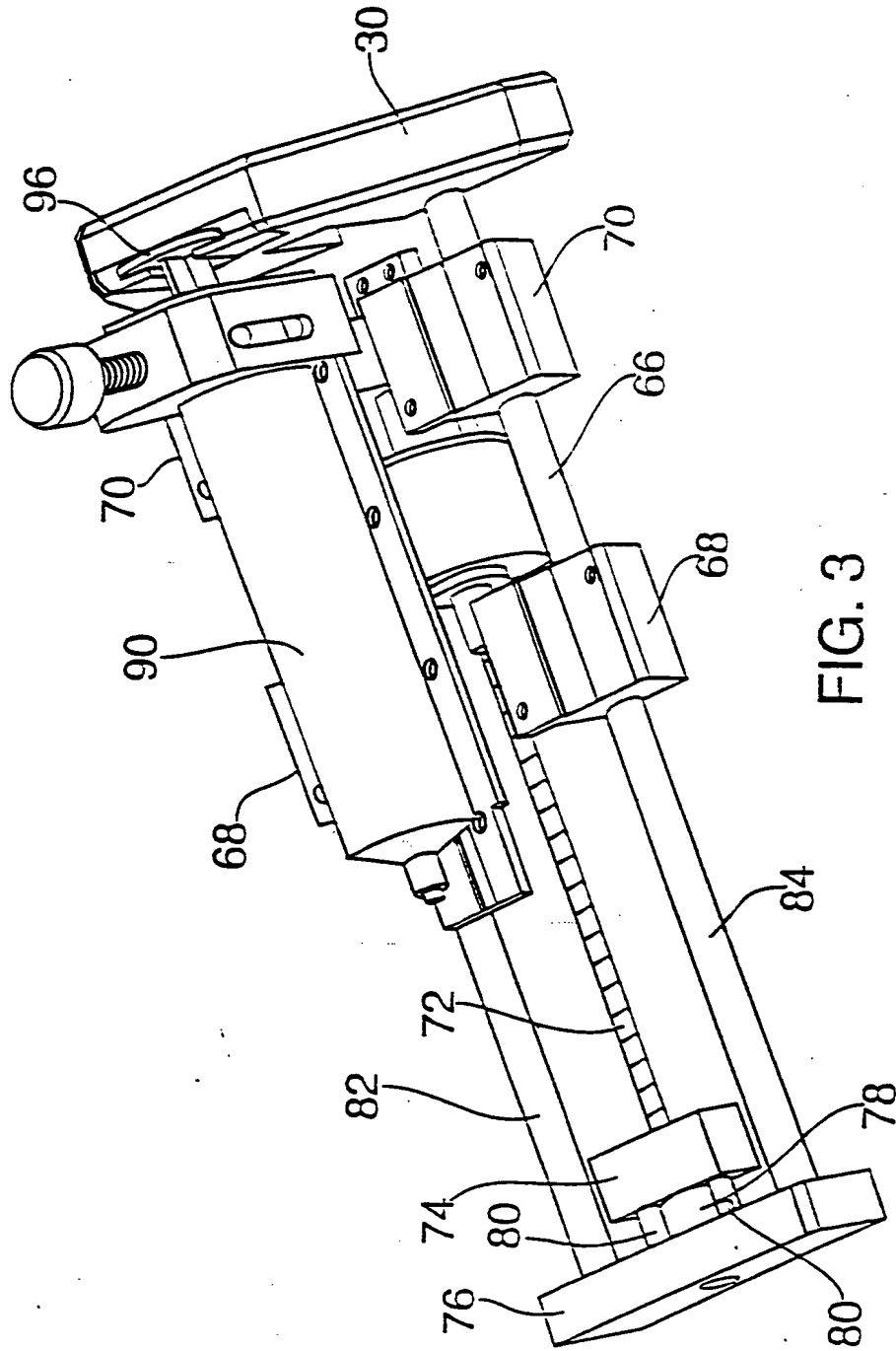


FIG. 3

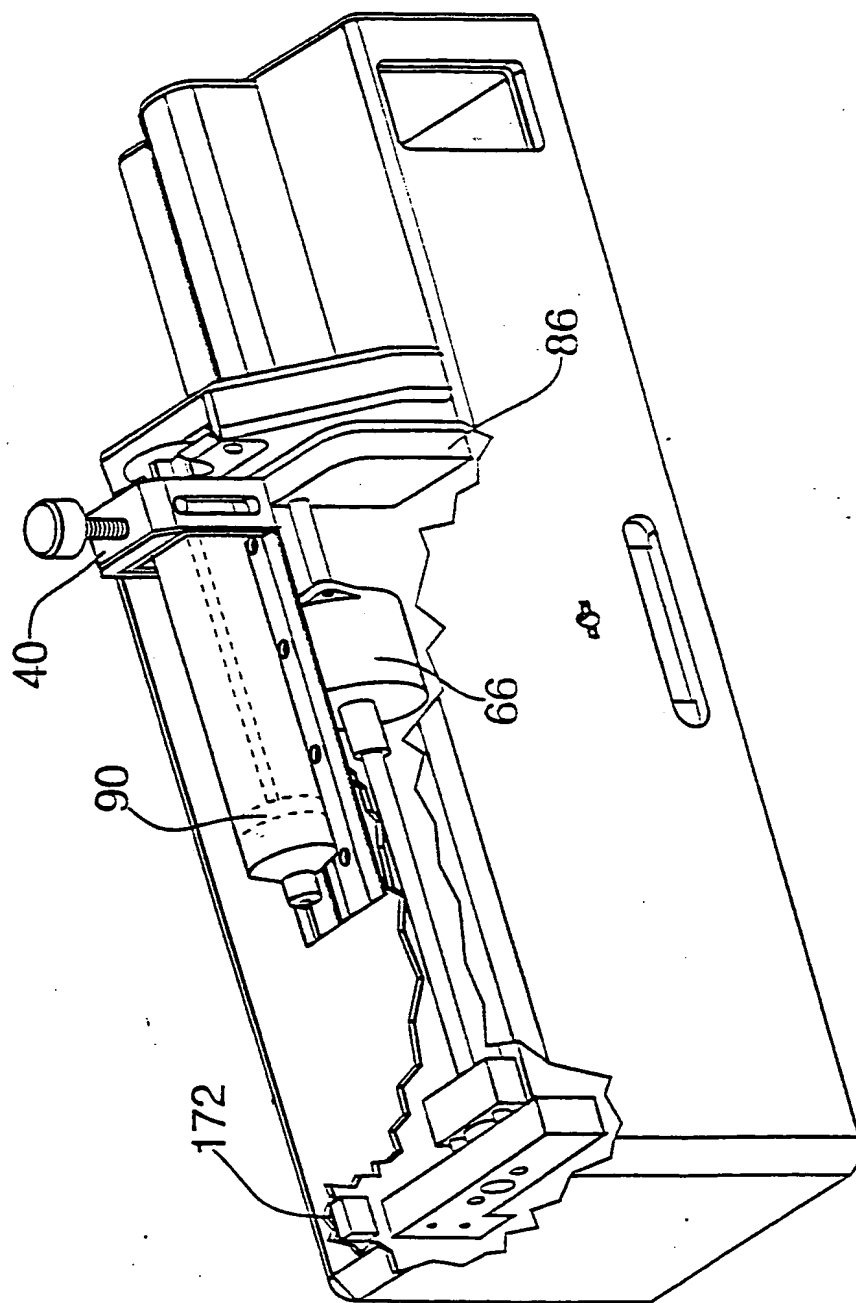


FIG. 4

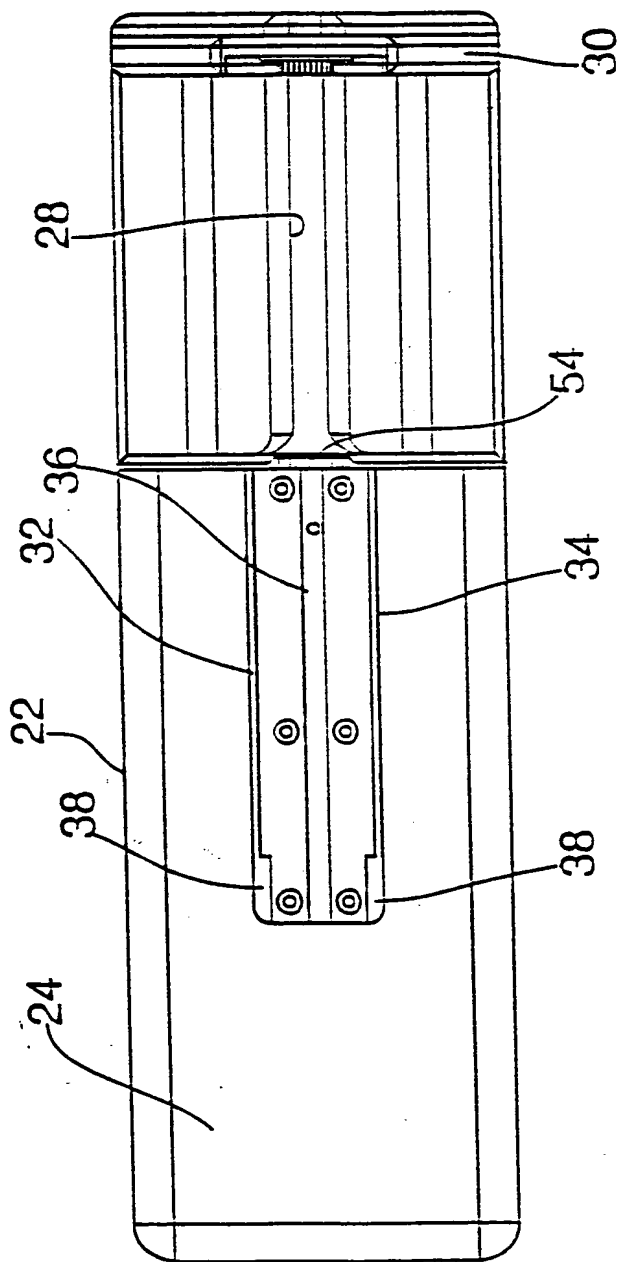


FIG. 5A

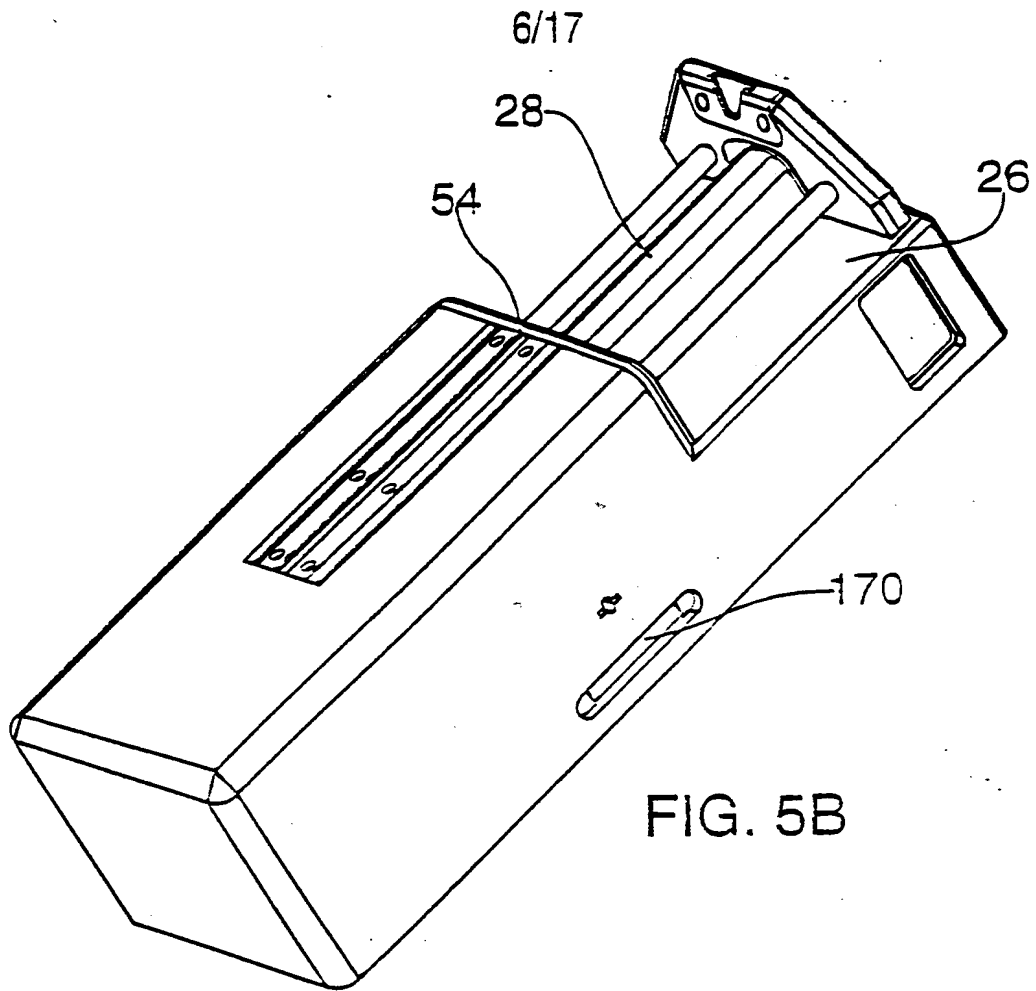


FIG. 5B

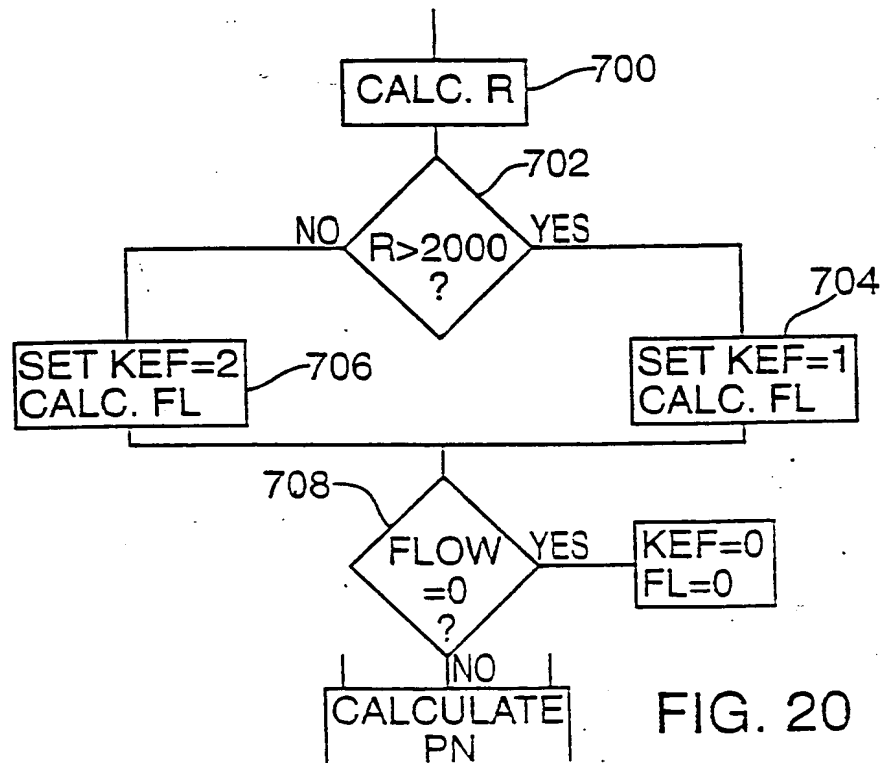


FIG. 20

FIG. 10 01639450

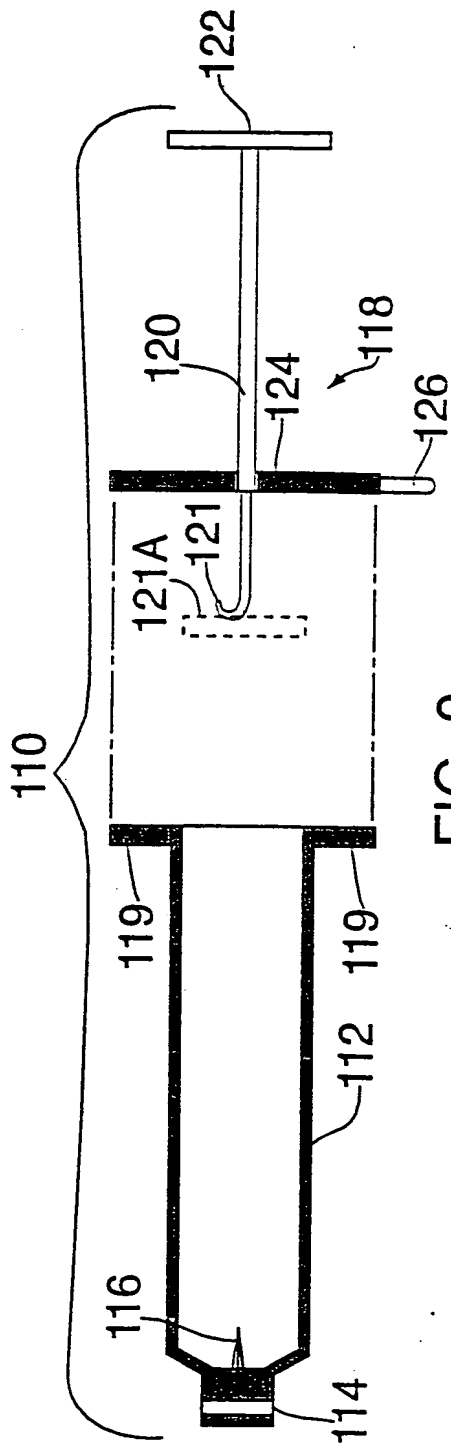


FIG. 9

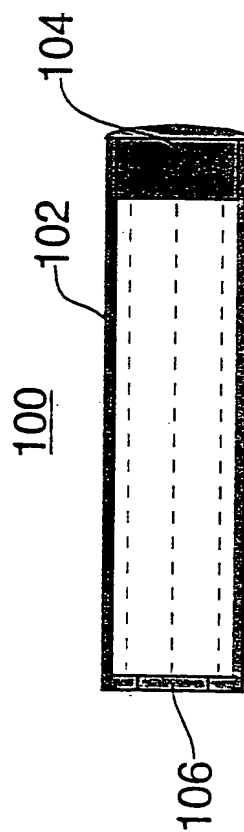


FIG. 8  
(PRIOR ART)

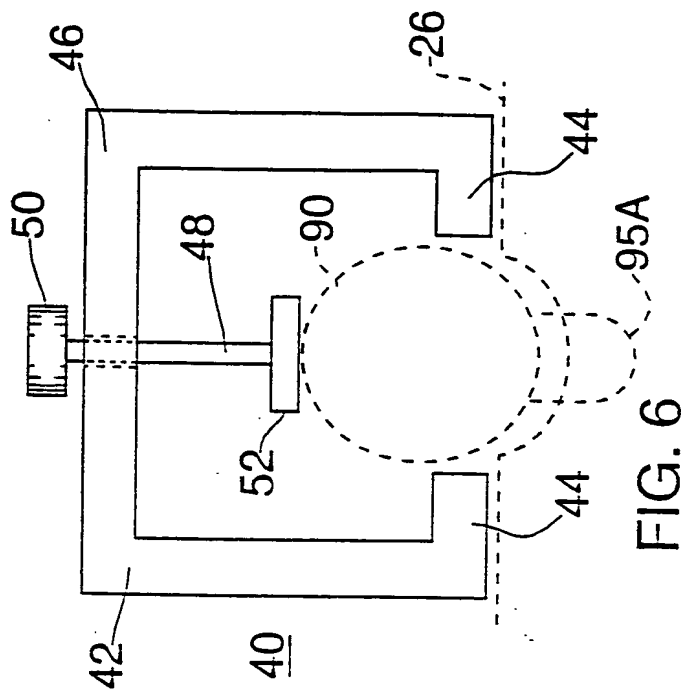


FIG. 6

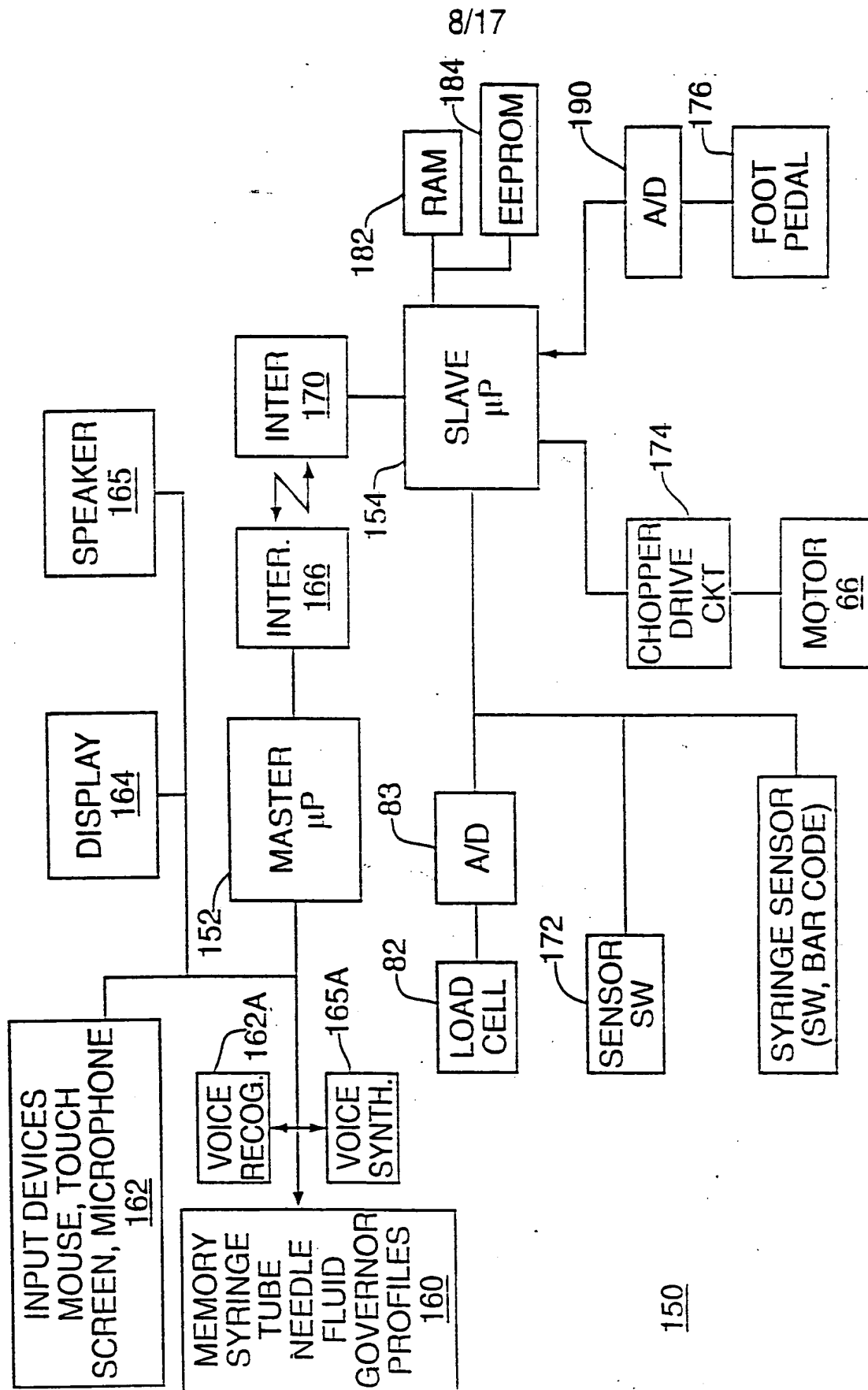
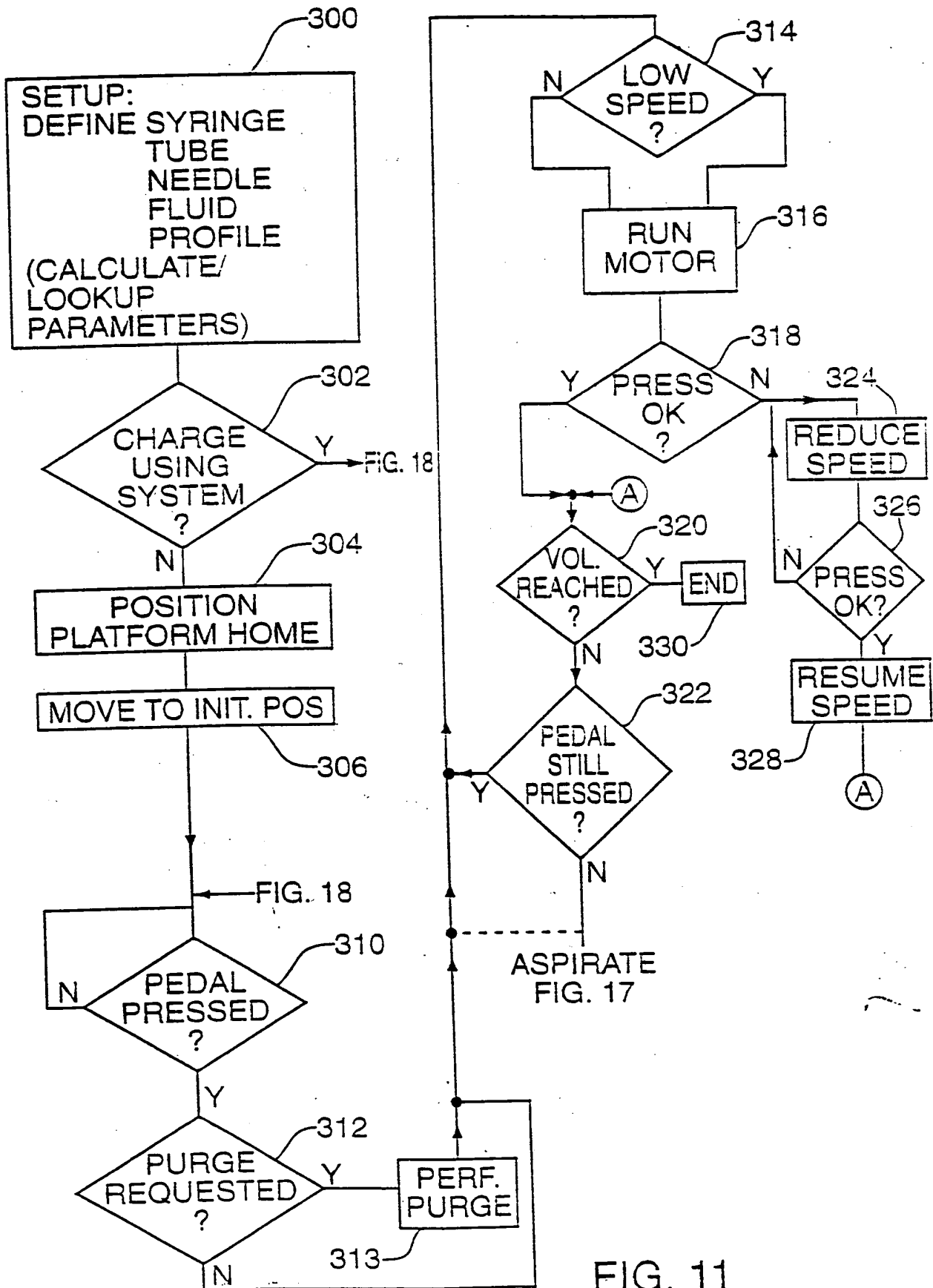


FIG. 10





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Milestone Database Setup

Syringe

| Type   | Stroke Length | Syringe Force | Nominal Volume (CC) | Full Point |
|--------|---------------|---------------|---------------------|------------|
| I102CC | 1.9           | 0.5           | 1.8                 | 1          |
| I03CC  | 2             | 0.33          | 3                   | 2.53       |
| I05CC  | 1.75          | 1             | 5                   | 2.8        |
| I10CC  | 2.4           | 1.3           | 10                  | 2.17       |
| I20CC  | 2.75          | 1.8           | 20                  | 1.65       |

Needle

| Type        | Gage | Diameter | Length |
|-------------|------|----------|--------|
| I180-305128 | 30   | 0.006    | 1      |
| I180-305136 | 27   | 0.02     | 1.25   |
| I08-33333   |      |          |        |
| I00-1234    |      |          |        |
| Iasofasof   | 23   | 23       | 23     |

Fluid

| Type        | Viscosity | Specific Weight |
|-------------|-----------|-----------------|
| XI2ccv      | 900001    | 0.0002          |
| I2ccv Fluid | 1         | 2               |
| IAsosad     | 1         | 5               |

Tube

| Type     | Diameter | Length |
|----------|----------|--------|
| IConcore | 0.673    | 0.009  |
| ITube#1  | 0.015    | 54     |
| ITube#2  | 0.015    | 55     |

Machine Constants

| IForce | ITravel | IMax Force | IZero Adjust | IThrottle Back | IScale Factor | ITare | IPeak Zero | Low End | Low Start | High End | High Start | High Asurate |
|--------|---------|------------|--------------|----------------|---------------|-------|------------|---------|-----------|----------|------------|--------------|
| 1      | 0.5     | 4.5        | 40           | 2              | 0.75          | 27    | 0.1        |         |           |          |            |              |

Machine Profile Setup Screen  
Set Values for Components of Delivery System  
Setup Variable for Machine

FIG. 12A

Milestone Scientific (Profile Setup)
Release 2.1

General
Tested ☐

System Sizes

Syringe

Needle

Tube

Fluid

Values
☐ Tested

Control

Aspirate

Purge

Physiologic Source

Specifics

Calculations

FIG. 12B

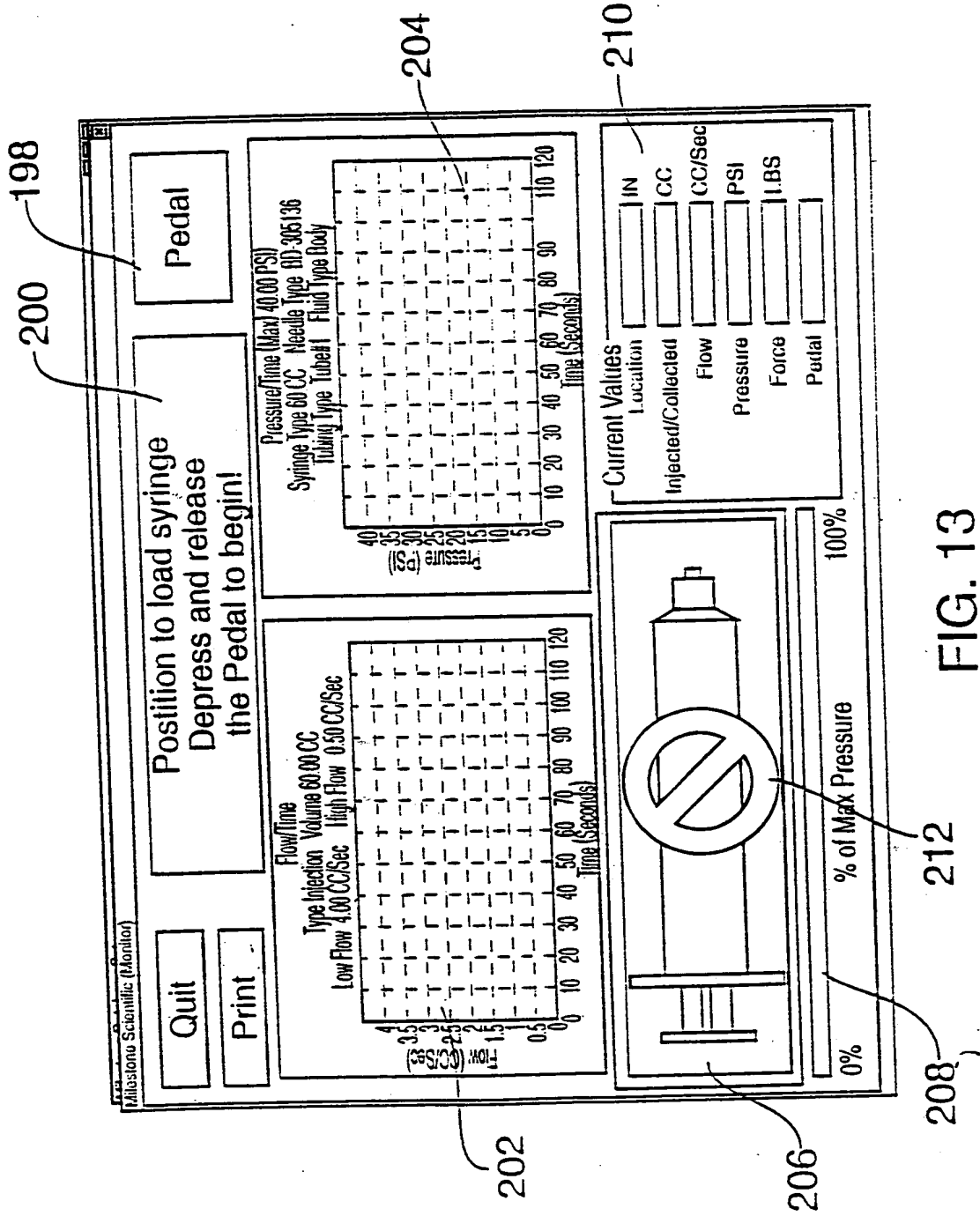


FIG. 13

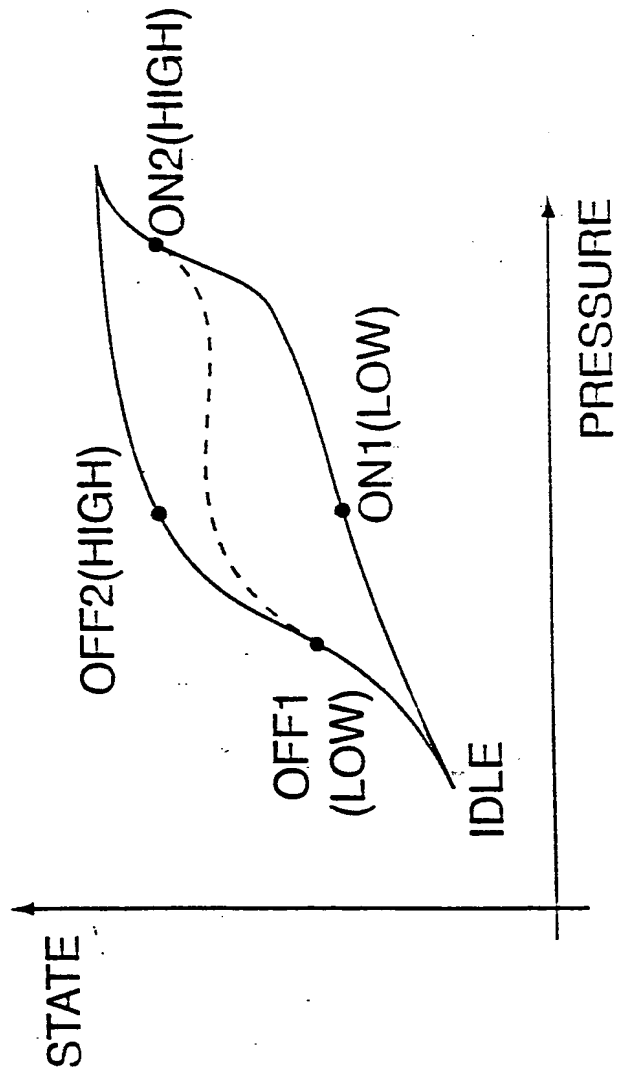


FIG. 14

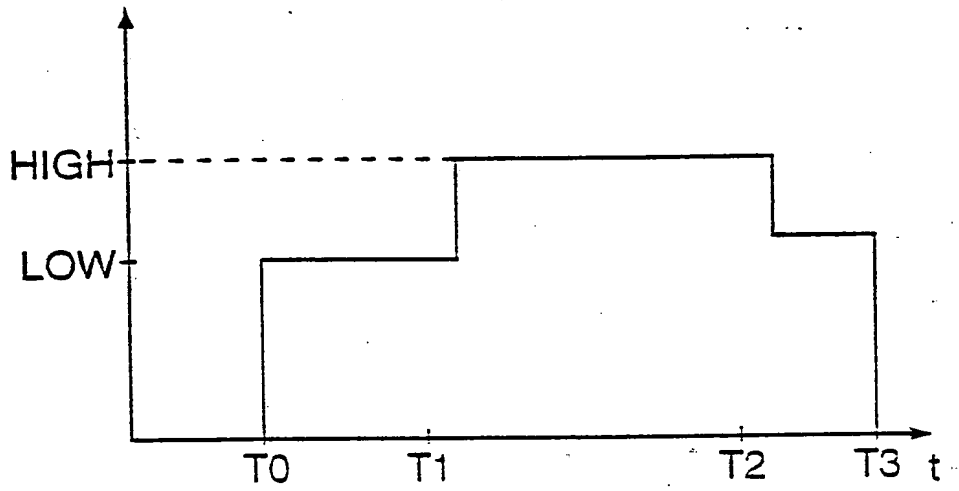


FIG. 15A

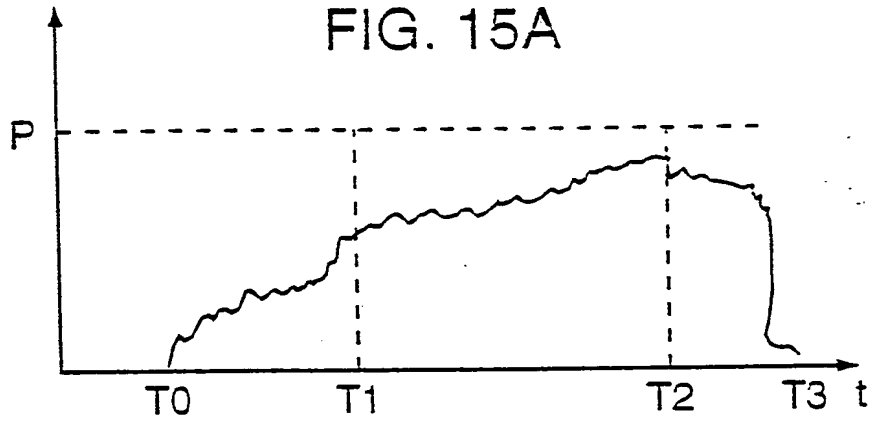


FIG. 15B

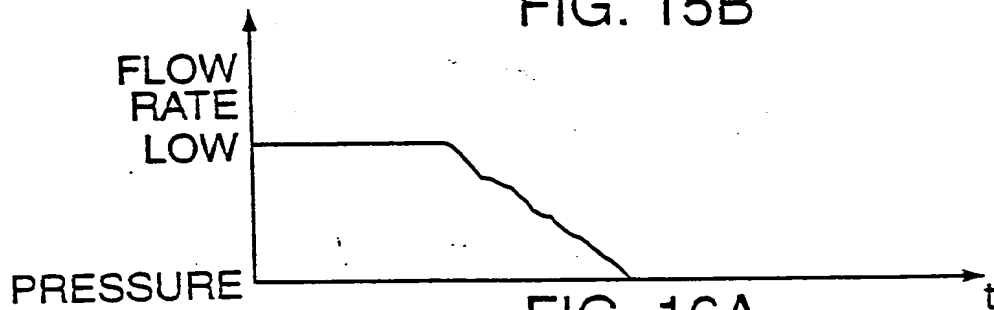


FIG. 16A

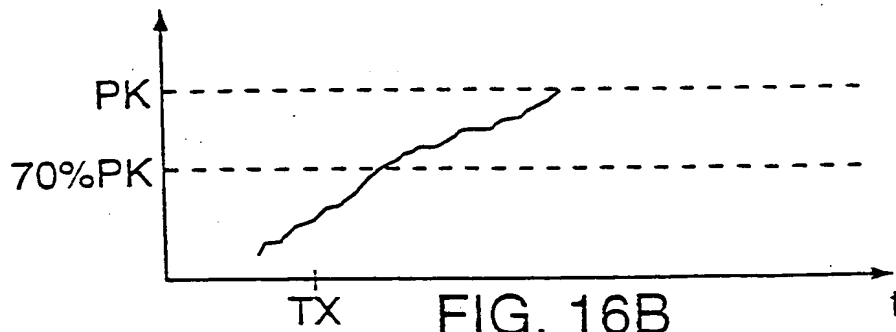


FIG. 16B

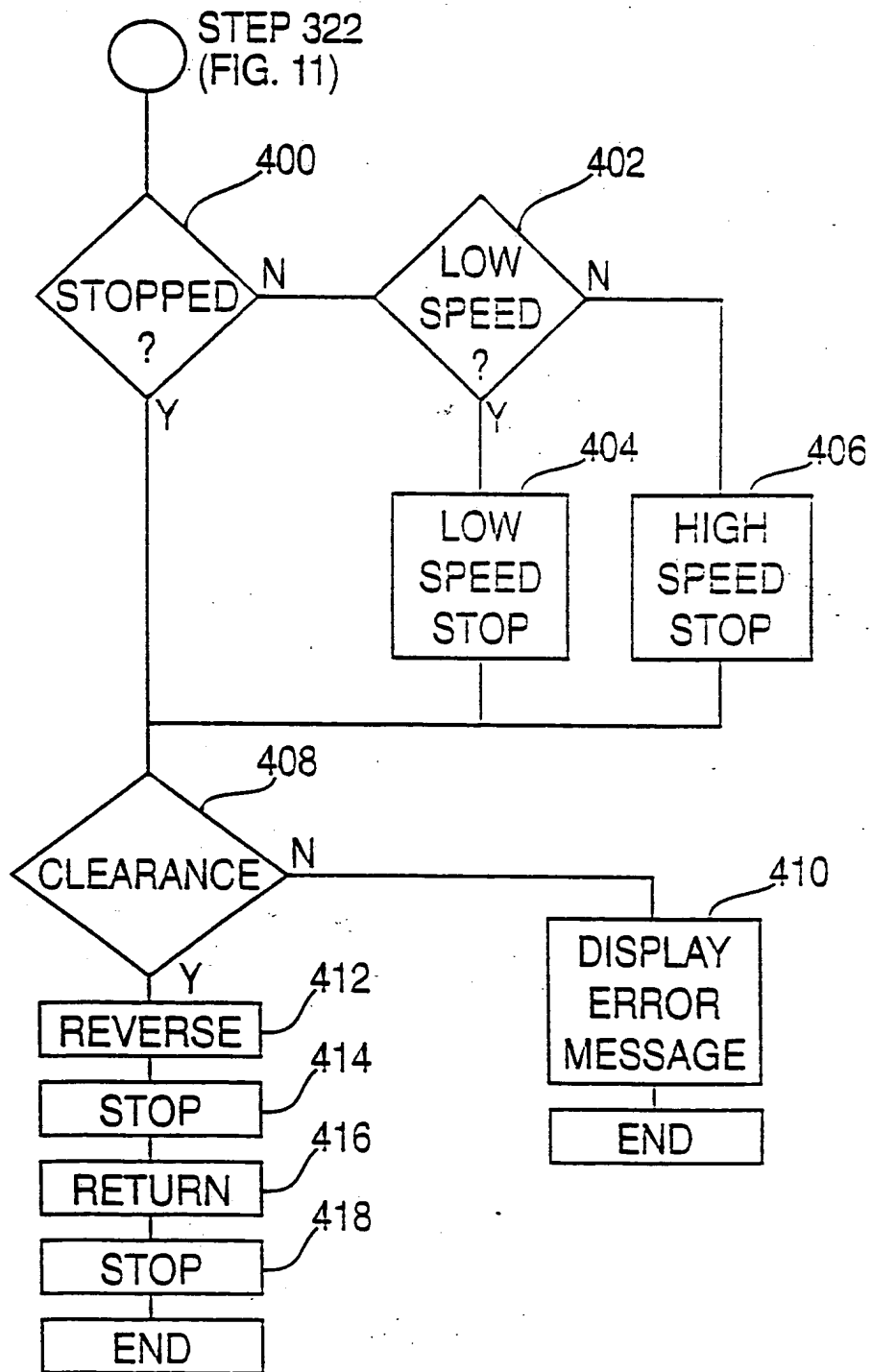


FIG. 17

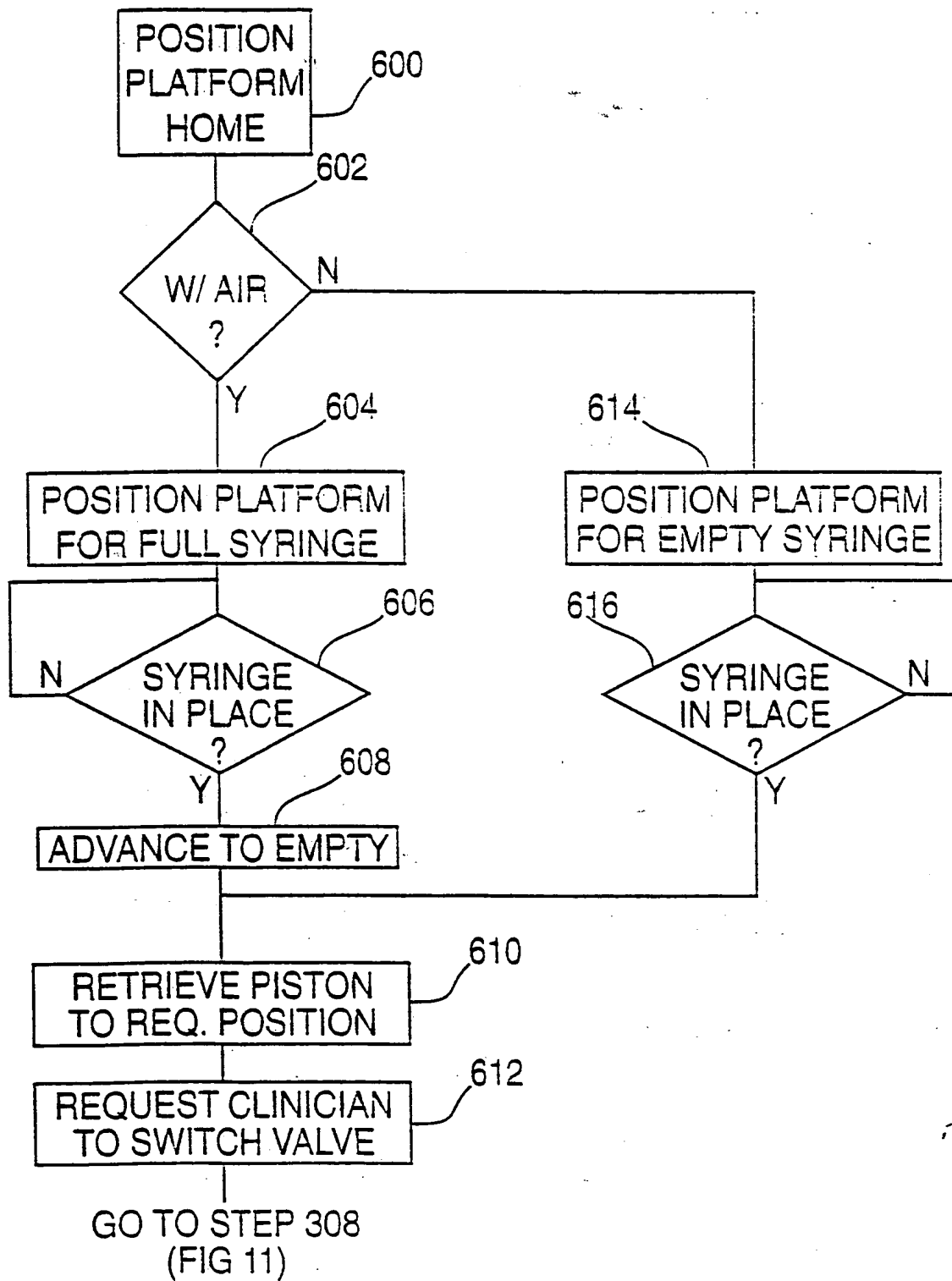


FIG. 18



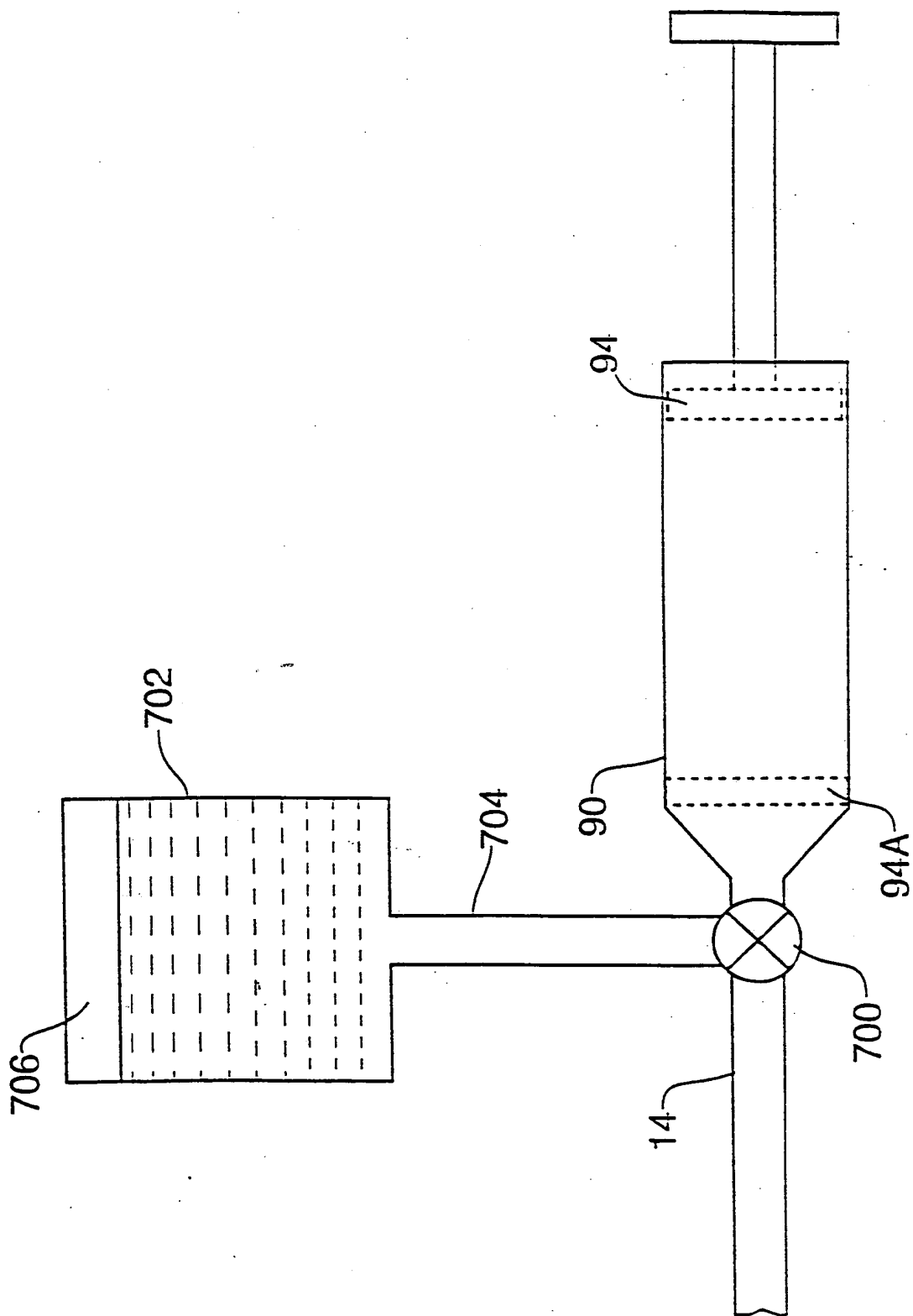


FIG. 19